TRIAD MAGNETICS

POWER TRANSFORMER
Chassis Mount : International Series

VPL24-1100

Electrical Specifications (@25C)

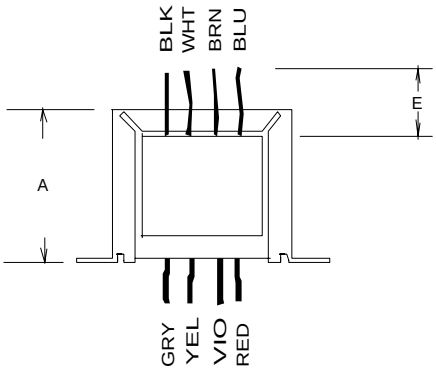
1. Maximum Power: 25.0VA
2. Input Voltage – **Series**: 230VAC @ 50/60Hz, **Parallel**: 115VAC@ 50/60Hz
3. Output Voltage – **Series**[1]**:** 24.0V CT@ 1.040A, **Parallel**[2]**:** 12.0V @ 2.080A
4. Voltage Regulation: 20% TYP @ full load to no load
5. Hipot: 3500VAC between primary to secondary and windings to core.
6. Recommended Fuse[3]:
   - Series: Littelfuse p/n 313 1.25HXP, 1.25A 250V, slow blow, ¼ x 1 ¼ *or*, Cooper Bussmann p/n BK/MDL-1 ¼, 1.25A 250V, ¼ x 1 ¼
   - Parallel: Littelfuse p/n 313 2.5HXP, 2.5A 250V, slow blow, ¼ x 1 ¼ *or*, Cooper Bussmann p/n BK/MDL-2 ½, 2.5A 250V, ¼ x 1 ¼

Construction:

Dual winding construction with an insulated shroud, both made of a high temperature material that exceeds UL flammability requirements. Shrouds are provided over the connections of the leads to the windings on both primary and secondary coils. Devices are designed with a minimum of 6mm creepage distance between the primary and secondary and are manufactured with a Class B (130°C) insulation system.

Agency Files:

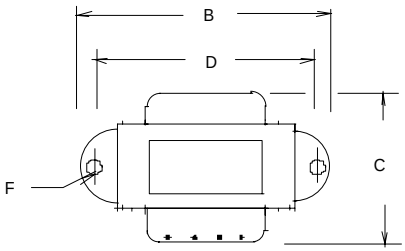
UL File: E65390, UL 5085-1 and 3 (formerly UL1585), Class 2/3
cUL: File E65390, For Canadian Use (CSA 22.2, No.66.1-06 and No.66.3-06)
TUV Certificate No.: R72103639, EN60950, Information Technology



Dimensions: Units: In inches

A	B	C	D	E	F
1.937	3.250	2.125	2.812	8.00	0.187

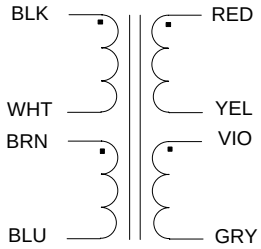
Weight: 1.3 lbs.



Connections[4]:

Input: Series – BLK to BLU, Jumper WHT to BRN
Parallel – BLK to BLU, Jumper BLK to BRN and WHT to BLU

Output: Series – RED to GRY, Jumper YEL to VIO
Parallel – RED to GRY, Jumper RED to VIO and YEL to GRY



SCHEMATIC

RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.

[1] Non-Inherently limited. Class 3.

[2] Non-Inherently limited. Class 2 not wet, Class 3 wet.

[3] Fuse must be used on **secondary** as conditions of acceptability for UL Class2/3 operation.

[4] Primary and secondary windings are designed to be connected in series or parallel. Winding are not intended to be used independently.

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